

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) Supporting frame for automobile sunroofs, provided with an assembly (1) formed by a front (B) and two sides (A) at each end of said front in which run sliding elements (3), these sliding elements being driven by a cable acting as a drive element or by similar means, and which run along a guide channel of the frame itself, the supporting frame being provided with a front part added as a water drainage area, stops for the mechanism pivots and tabs for attaching the frame itself to the vehicle body

characterised in that

- the supporting frame (1) is made by injection in a single piece, including the front (B), the two sides (A), a centred extension (C) of said front, protrusions (21) with orifices for attachment to the vehicle body, stops (22) for the mechanism pivots (23),

- the drive element of the sliding elements (3) is a cable (2),
- the extension (C) of the front receives the drive motor, attached to it at areas (13), also acting as a cover (14) for the cable drum,

- the cable (2) runs freely from the cable drum between the sliding elements (3) and the corners (4, 6) of the front (B) and the ends (5, 7) of the sides, at the corners and ends of which are provided reroutings for said cable,

- the ends (5, 7) of the sides are provided with lateral channels with recesses (20) made in their upper horizontal walls by which the sliding elements (3) are mounted in a vertical sense, and

the cable (2) is composed of three cable segments: a first segment that runs from the drum to one of the sliding elements (3), passing by the rerouting of the front corner (4) and with

a spring at the end connected to the sliding element; a second segment (11) coupled to the sliding element (3) that passes a rerouting (5) of a side, continuing to another rerouting at the corner (4), different from the aforementioned one, then continuing to the other front corner (6) where it is connected by the corresponding rerouting to the other sliding element; and a third cable (10) that runs from this latter sliding element with a spring (24) coupled to it and passes the rerouting (7) of this side, returning to another rerouting at the front corner (6), different from the aforementioned one.

2. (Original) Supporting frame for automobile sunroofs as claimed in claim 1, characterised in that when the supporting frame is made of plastic the cable reroutings and the drain tubes (12) form a single element with the frame itself.

3. (Original) Supporting frame for automobile sunroofs as claimed in claim 1, characterised in that when the supporting frame is made of a metal alloy the reroutings (15) and the drain tubes (16) form part of auxiliary pieces that contain both and are clipped by tabs (17) onto orifices made in the frame.

4. (Canceled)

5. (Canceled)